CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

NOTE: recorded in Microsoft word 6.0 - use tabs STATE ARKANSAS FIELD OFFICE	ANY DATE 12/5/96	
PRACTICE: 638 Water & Sediment Control	NOTES:	
Basin		
RESOURCE: SOIL	Help Message: Click on form field for choice lists. Tab	
RESOURCE CONCERN: EROSION	key to move around. "N/A" is the default.	
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SHEET AND RILL	insignificant	
WIND	insignificant	
EPHEMERAL GULLY	significant reduction in ephemeral gully erosion	
CLASSIC GULLY	significant reduction in classic gully erosion	
STREAMBANK	slight reduction in streambank erosion	
IRRIGATION INDUCED	N/A	
SOIL MASS MOVEMENT	slight increase	
ROADBANK/CONSTRUCTION	significant decrease	
OTHER		
RESOURCE CONCERN: SOIL CONDITION		
SOIL TILTH	insignificant	
SOIL COMPACTION	insignificant	
SOIL CONTAMINATION		
• SALTS	insignificant	
• ORGANICS	insignificant	
• FERTILIZERS	insignificant	
PESTICIDES	insignificant	
• OTHER		
DEPOSITION/DAMAGE		
• ONSITE	significant reduction/onsite deposition damage	
OFFSITE	significant decrease/offsite deposition damage	
DEPOSITION/SAFETY		
• ONSITE	significantly improve onsite safety/deposition	
• OFFSITE	sign. improve offsite safety hazard/deposition	
OTHER		
RESOURCE: WATER		
RESOURCE CONCERN: WATER QUANTI	TY	
SEEPS	slight increase in seepage hazard	
RUNOFF/FLOODING	moder. decrease in runoff/flooding	
EXCESS SUBSURFACE WATER	slight increase in excess subsurface water	
INADEQUATE OUTLETS	moderate improvement in H20 outlet concern	
WATER MGT. IRRIGATION	1	
• SURFACE	N/A	
SPRINKLER	insignificant	
WATER MGT. NON-IRRIGATED	slight decrease	
RESTRICTED FLOW CAPACITY (H20 convey.)		
• ONSITE	significant improvement in onsite drainage	
OFFSITE	significant improvement in offsite drainage	
RESTRICTED STORAGE	sign. reduction in sedimentation of H20 storage	
OTHER		

RESOURCE INDICATORS	R QUALITY PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	THISICAL EFFECTS
• PESTICIDES	slight potential increase/GWater contam./pesticide
NUTRIENTS AND ORGANICS	slight potential increase in GWater contam./nutr,org.
• SALINITY	insignificant
• HEAVY METALS	insignificant to significant decrease
PATHOGENS	slight poten. increase/GWater contam./pathegens
• OTHER	Singlet potent. Intereuse, Six after containing participents
SURFACE WATER CONTAMINANTS	
PESTICIDES	slight reduction in SWater contam./pesticides
NUTRIENTS AND ORGANICS	slight reduction in SWater contam./nutr.,organics
SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.
LOW DISSOLVED OXYGEN	insignificant
• SALINITY	insignificant
HEAVY METALS	insignificant
• WATER TEMPERATURE	insignificant
• PATHOGENS	slight decrease in SWater contam./pathegens
AQUATIC HABITAT SUITABILITY	significant improvement in Aqua. Hab. Suit.
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALI	TV
AIRBORNE SEDIMENT AND SMOKE	
PARTICLES	
ONSITE SAFETY	N/A
	N/A
• OFFSITE SAFETY	N/A N/A
OFFSITE SAFETYONSITE STRUCT. PROBLEMS	
 OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS 	N/A
OFFSITE SAFETYONSITE STRUCT. PROBLEMSOFFSITE STRUCT. PROBLEMS	N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH	N/A N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING	N/A N/A N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A N/A N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS	N/A N/A N/A N/A N/A N/A N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN	N/A N/A N/A N/A N/A N/A N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN OTHER	N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN OTHER	N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN OTHER RESOURCE CONCERN: AIR CONDI	N/A
OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN	N/A

RESOURCE: PLANT RESOURCE CONCERN: SUITABILIT	Y
RESOURCE INDICATORS	PHYSICAL EFFECTS
SITE ADAPTATION	N/A
PLANT USE	N/A
OTHER	IVA
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	slight improvement in plant cond./productivity
HEALTH, VIGOR, SURVIVAL	slight improvement in plant health, vigor, survival
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
ESTAB., GROWTH, HARVEST	slight improvement in plant estab.,growth,harvest
NUTRIENT MANAGEMENT	insignificant
PESTS	insignificant
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	insignficant
COVER/SHELTER	insignificant
WATER (QUANTITY & QUALITY)	insignificant
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
POPULATION BALANCE	insignificant
THREAT/ENDANGERED ANIMALS	N/A
HEALTH	insignificant
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC	C CONSIDERATIONS
PLAN / COST EFFECTIVENESS	moderately cost effective
CLIENT FINANCIAL CONDITION	moderately cost effective
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	insignificant
AVAILABLE EQUIPMENT	insignificant

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	mod. improvement in public health safety	
PRIVATE/PUBLIC VALUES	mod. inprovement in private/public values	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	N/A	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources	
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources	
OTHER		